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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Oliver P. Peoples, Lara L. Madison, and Gjalte Huisman

Serial No.: 09/364,847

Art Unit: 1649

Filed: July 30, 1999

Examiner: Not Yet Assigned

For: *ENZYMES FOR BIOPOLYMER PRODUCTION*

Assistant Commissioner for Patents
Washington, D.C. 20231

JAN 11 2000

INFORMATION DISCLOSURE STATEMENT

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Sir:

Pursuant to 37 C.F.R. §1.56 and 37 C.F.R. §1.97, Applicants submit an Information Disclosure Statement, including ten (10) pages of Form PTO-1449 and a copy of each document cited therein.

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U.S. Patents

<u>Number</u>	<u>Issue Date</u>	<u>Patentee</u>	<u>Class/Subclass</u>
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U.S.S.N.: 09/364,847
 Filed: July 30, 1999
 INFORMATION DISCLOSURE STATEMENT

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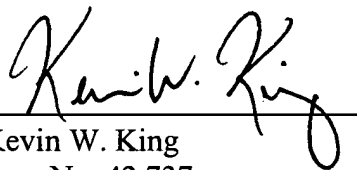
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U.S.S.N.: 09/364,847
Filed: July 30, 1999
INFORMATION DISCLOSURE STATEMENT

Remarks

This statement should not be interpreted as a representation that an exhaustive search has been conducted or that no better art exists. Moreover, Applicants invite the Examiner to make an independent evaluation of the cited art to determine its relevance to the subject matter of the present application. Applicants are of the opinion that their claims patentably distinguish over the art referred to herein, either alone or in combination.

Respectfully submitted,



Kevin W. King
Reg. No. 42,737

Dated: January 5, 2000


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Filed: July 30, 1999
INFORMATION DISCLOSURE STATEMENT

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known

Application Number	09/364,847
Filing Date	July 30, 1999
First Named Inventor	Oliver P. Peoples
Group Art Unit	1649
Examiner Name	
Attorney Docket Number	MBX 030

Sheet 1 of 10

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	US Patent Document		Name of Patentee or Applicant of Cited Document	Date of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
		5,004,863		Umbeck	04-02-1991	
		5,015,580		Christou, et al.	05-14-1991	
		5,024,944		Collins, et al.	06-18-1991	
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		5,188,958		Moloney, et al.	02-23-1993	
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		5,416,011		Hinchee, et al.	05-16-1995	
		5,420,027		Fisher, et al.	05-30-1995	
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		5,464,765		Coffee, et al.	11-07-1995	
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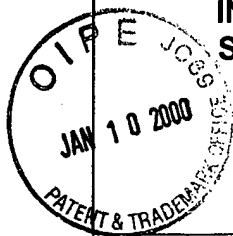
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Application Number	09/364,847
Filing Date	July 30, 1999
First Named Inventor	Oliver P. Peoples
Group Art Unit	1649
Examiner Name	
Attorney Docket Number	MBX 030

Sheet 4 of 10

OTHER ART -- NON PATENT LITERATURE DOCUMENTS

Examiner's Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		BÜLOW & MOSBACH, "Multienzyme systems obtained by gene fusion," <i>Trends Biotechnol.</i> 9(7):226-31 (1991).	
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		CHOI, et al., "Cloning of the <i>Alcaligenes latus</i> polyhydroxyalkanoate biosynthesis genes and use of these genes for enhanced production of Poly(3-hydroxybutyrate) in <i>Escherichia coli</i> ," <i>Appl. Environ. Microbiol.</i> 64(12):4897-903 (1998).	
		CUBITT, et al., "Understanding, improving and using green fluorescent proteins," <i>Trends Biochem. Sci.</i> 20(11):448-55 (1995).	
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		FROMM, et al., "Inheritance and expression of chimeric genes in the progeny of transgenic maize plants," <i>Biotechnology (N Y).</i> 8(9):833-39 (1990).	

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First Named Inventor

Oliver P. Peoples

Group Art Unit

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Sheet

5

of

10

OTHER ART – NON PATENT LITERATURE DOCUMENTS

Examiner's Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		FUKUI & DOI, "Cloning and analysis of the poly(3-hydroxybutyrate-co-3-hydroxyhexanoate) biosynthesis genes of <i>Aeromonas caviae</i> ," <i>J. Bacteriol.</i> 179(15):4821-30 (1997).	
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	09/364,847
		Filing Date	July 30, 1999
		First Named Inventor	Oliver P. Peoples
		Group Art Unit	1649
		Examiner Name	
Sheet 6 of 10	Attorney Docket Number	MBX 030	

OTHER ART – NON PATENT LITERATURE DOCUMENTS			
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		KANEKO, et al., "Sequence analysis of the genome of the unicellular cyanobacterium <i>Synechocystis</i> sp. strain PCC6803. II. Sequence determination of the entire genome and assignment of potential protein-coding regions," <i>DNA Res.</i> 3(3):109-36 (1996).	
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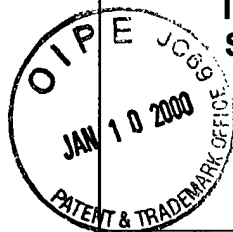
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	•	MOLONEY, et al., "High efficiency transformation of <i>Brassica napus</i> using <i>Agrobacterium</i> vectors," <i>Plant Cell Reports</i> 8:238-42 (1989).	
	•	NISHIMURA, et al., "Purification and properties of β-ketothiolase from <i>Zoogloea ramigera</i> ," <i>Arch. Microbiol.</i> 116(1):21-27 (1978).	
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		POIRIER, et al., "Polyhydroxybutyrate, a Biodegradable Thermoplastic, Produced in Transgenic Plants," <i>Science</i> 256:520-23 (1992).	
		POTRYKUS & SPANGENBERG, <i>Gene Transfer to Plants</i> , Springer-Verlag:Berlin Heidelberg New York, 1995.	
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		STEINBUCHER, et al., "Considerations on the structure and biochemistry of bacterial polyhydroxyalkanoic acid inclusions," <i>Can. J. Microbiol.</i> 41 Suppl 1:94-105 (1995).	
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		WIECZOREK, et al., "Analysis of a 24-kilodalton protein associated with the polyhydroxyalkanoic acid granules in <i>Alcaligenes eutrophus</i> ," <i>J. Bacteriol.</i> 177(9):2425-35 (1995).	

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		WIECZOREK, et al., "Occurrence of polyhydroxyalkanoic acid granule-associated proteins related to the <i>Alcaligenes eutrophus</i> H16 GA24 protein in other bacteria," <i>FEMS Microbiol. Lett.</i> 135(1):23-30 (1996).	
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